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268/250US

2878

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: RICHARD A. HUTCHIN

Serial No. 10/060,061

Filed: January 28, 2002

For: DISPERSIVE SPECTROMETER



Group Art Unit: 2878

Examiner: Not Yet Assigned

Handwritten notes: 2878, 5-303

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicant wishes to bring to the attention of the Patent Office the following references:

*Remote Sensing By Fourier Transform Spectrometry*, Reinhard Beer, Vol. 120 in *Chemical Analysis: A Series of Monographs on Analytical Chemistry and its Applications*, Chapter 2, The Ideal Fourier Transform Spectrometer, pp. 15-29; Chapter 4, Real Fourier Transform Spectrometers, pp. 55-100; and Chapter 5, Case Studies of Remote Sensing Fourier Transform Spectrometers, pp. 101-127.

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LA-237469.1

CERTIFICATE OF MAILING  
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

May 28, 2002  
Date of Deposit

Rachel Marquez

Name of Person Mailing Paper

Signature of Person Mailing Paper

Handwritten signature of Rachel Marquez

Atmospheric corrections: On deriving surface reflectance from hyperspectral imagers, A F H Goetz, J W Boardman, B Kindel, and K B Heidebrecht, *Proceedings of SPIE* (1997) 3118: 14-22.

Performance trade-offs of infrared spectral imagers, J N Cederquist, and C R Schwartz, *Proceedings of SPIE* (1997) 3118: 23-27.

Thermal Imagery Spectral Analysis, B H Collins, R C Olsen, and J Hackwell, *Proceedings of SPIE* (1997) 3118: 94-105.

Updated results from performance characterization and calibration of the TRWIS III hyperspectral imager, M A Folkman, S Sandor, S Thordarson, T Hedman, D Gleichauf, S Casement, B Quon, and P Jarecke, *Proceedings of SPIE* (1997) 3118: 142-153.

High-speed imaging spectrometry, C E Volin, M R Descour, and E L Dereniak, *Proceedings of SPIE* (1997) 3118: 179-183.

New Approach To Imaging Spectroscopy Using Diffractive Optics, M Hinnrichs, M Massie, *Proceedings of SPIE* (1997) 3118: 194-205.

Quantitative assessment of hyperspectral sensor detection performance, A Sommesse, B Shetler, and F P Billingsley, *Proceedings of SPIE* (1997) 3118: 308-321.

Imaging spectrometers using concentric optics, D R Lobb, *Proceedings of SPIE* (1997) 3118: 339-347.

Applicant also wishes to bring to the attention of the Patent Office the following undated reference which is prior art to the present application:

*4.0 Multispectral and Hyperspectral Sensing*, pp. 4-1 to 4-26.

Applicant includes copies of the above-identified patents and Form PTO-1449 identifying all of the foregoing referenced information.

This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR §1.17(p) to the deposit account referenced below.

The Commissioner is authorized to charge any fees required by the filing of these papers, and to credit any overpayment to Lyon & Lyon's Deposit Account No. 12-2475.

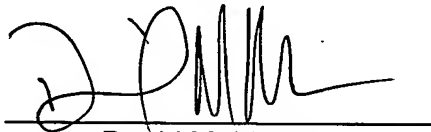
All applicable presumptions and reservations afforded by 37 CFR 1.56 et seq. regarding disclosure are incorporated herein by reference.

Respectfully submitted,

LYON & LYON LLP

May 28, 2002

By:

A handwritten signature in black ink, appearing to read 'D. Morse', written over a horizontal line.

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S  
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

268/250US

SERIAL NO.

10/060,061

APPLICANT:

RICHARD A. HUTCHIN

FILING DATE:

January 28, 2002

GROUP:

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AA	Remote Sensing By Fourier Transform Spectrometry, Reinhard Beer, Vol. 120 in Chemical Analysis: A Series of Monographs on Analytical Chemistry and its Applications, Chapter 2, The Ideal Fourier Transform Spectrometer, pp. 15-29; Chapter 4, Real Fourier Transform Spectrometers, pp. 55-100; and Chapter 5, Case Studies of Remote Sensing Fourier Transform Spectrometers, pp. 101-127.
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AI	Imaging spectrometers using concentric optics, D R Lobb, <i>Proceedings of SPIE</i> (1997) 3118: 329-347.
AJ	4.0 Multispectral and Hyperspectral Sensing, pp. 4-1 to 4-26.

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